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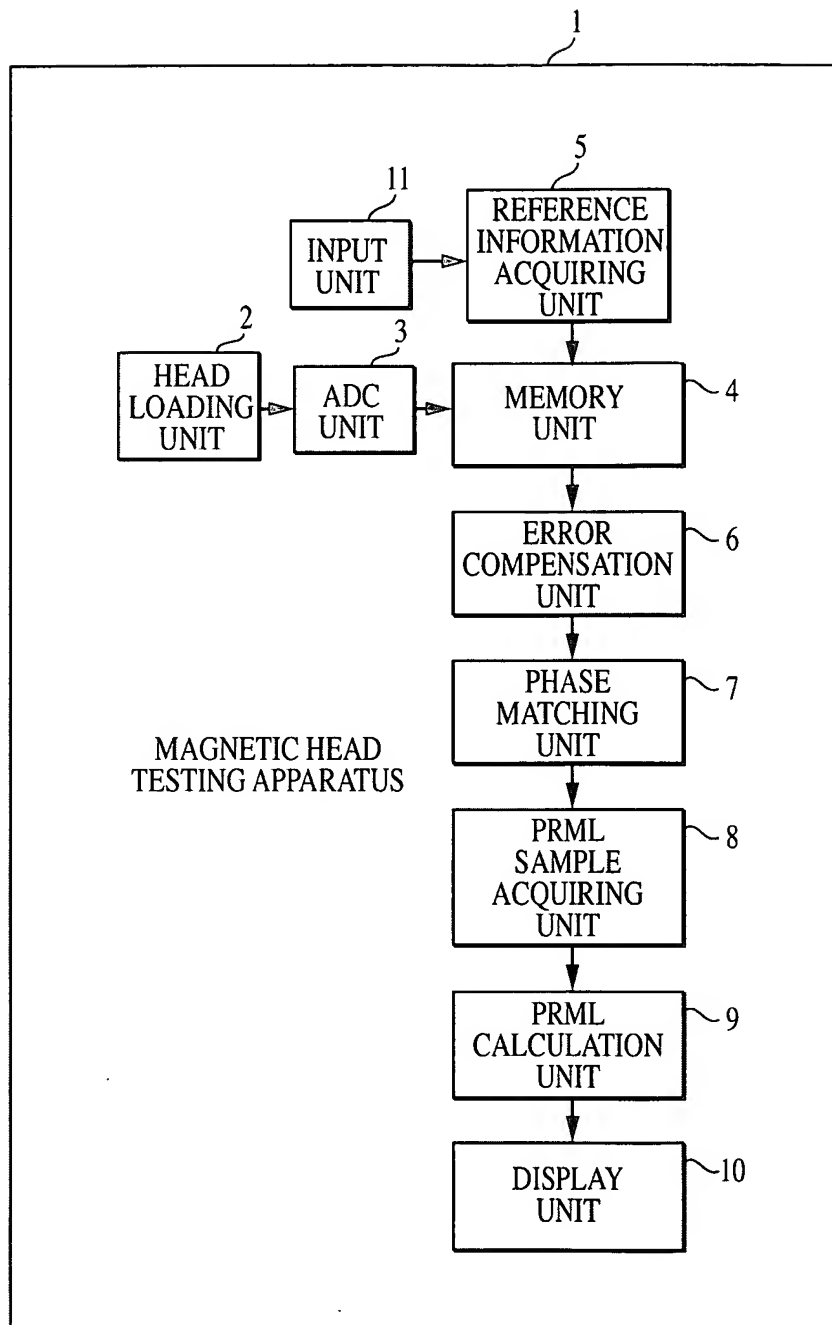


FIG. 1

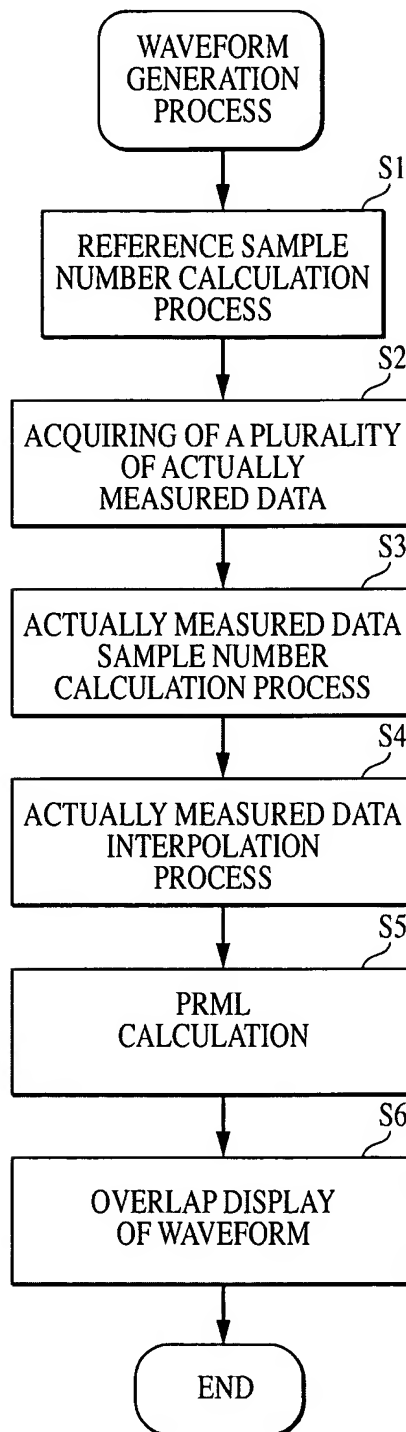


FIG. 2



MAGNETIC HEAD TESTING APPARATUS
Aratani et al.
Greer, Burns & Crain, Ltd.
Ref. No. 2500.69487
Replacement Sheet 3 of 10

Feb. 11, 2004
S.N. 10/676,935
(Josh C. Snider)
(312) 360-0080

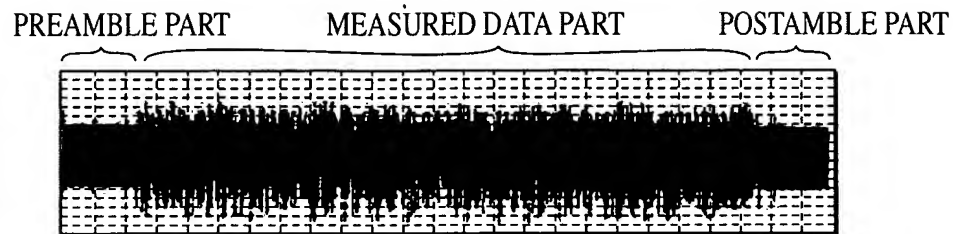
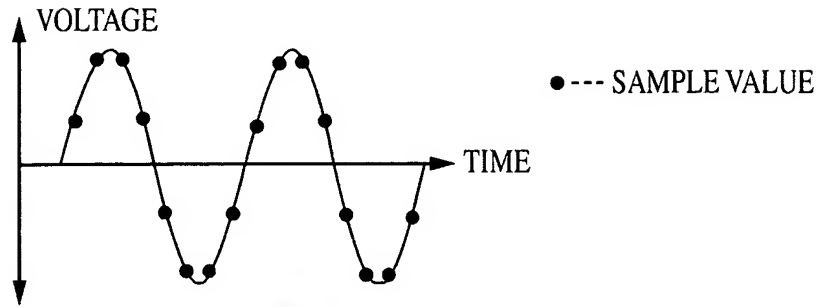


FIG. 3



ADC ASYNCHRONOUS SAMPLING



PHASE ADJUSTMENT

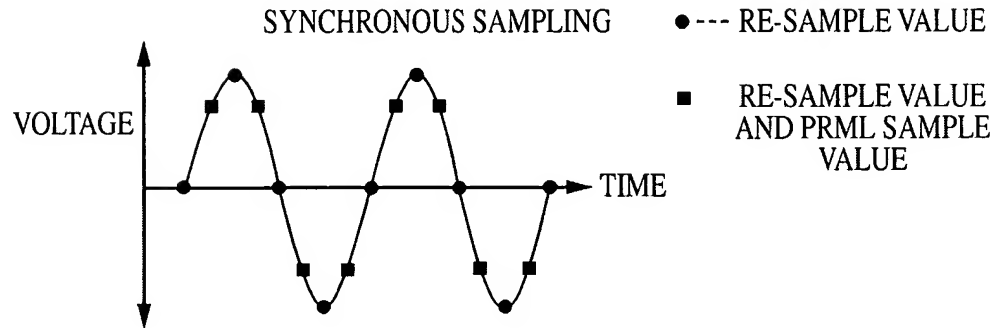


FIG. 4

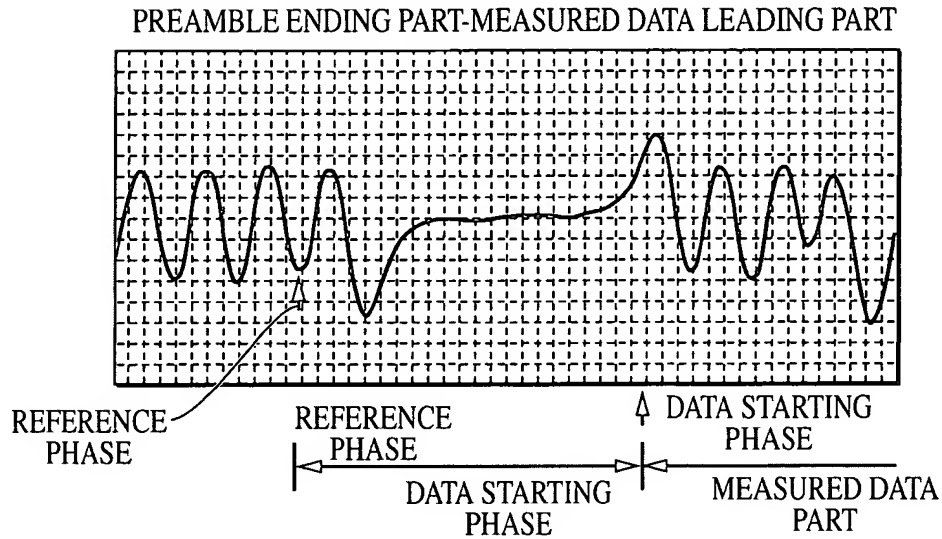


FIG. 5a

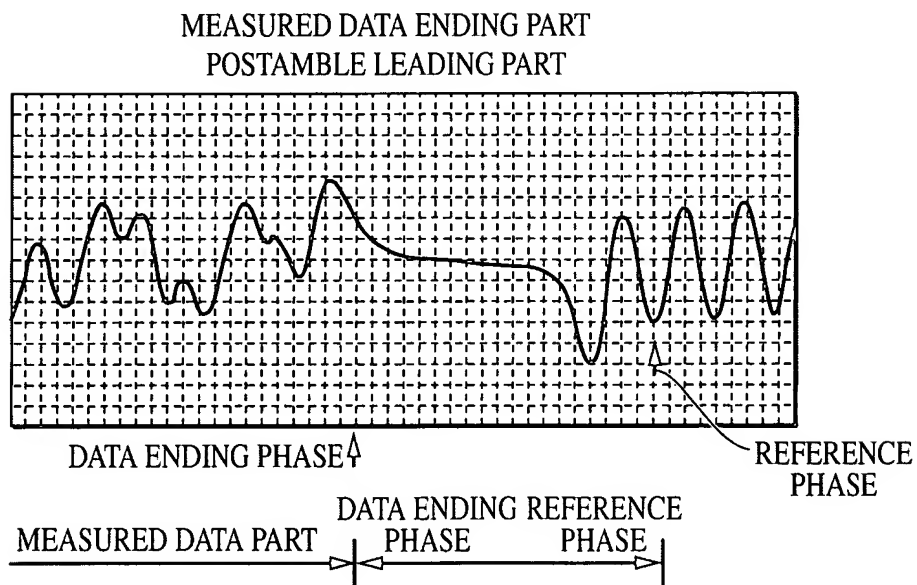


FIG. 5b



NUMBER OF DATA
IS LARGER THAN
REFERENCE WAVEFORM

REFERENCE
(IDEAL) WAVEFORM

NUMBER OF DATA
IS SMALLER THAN
REFERENCE WAVEFORM

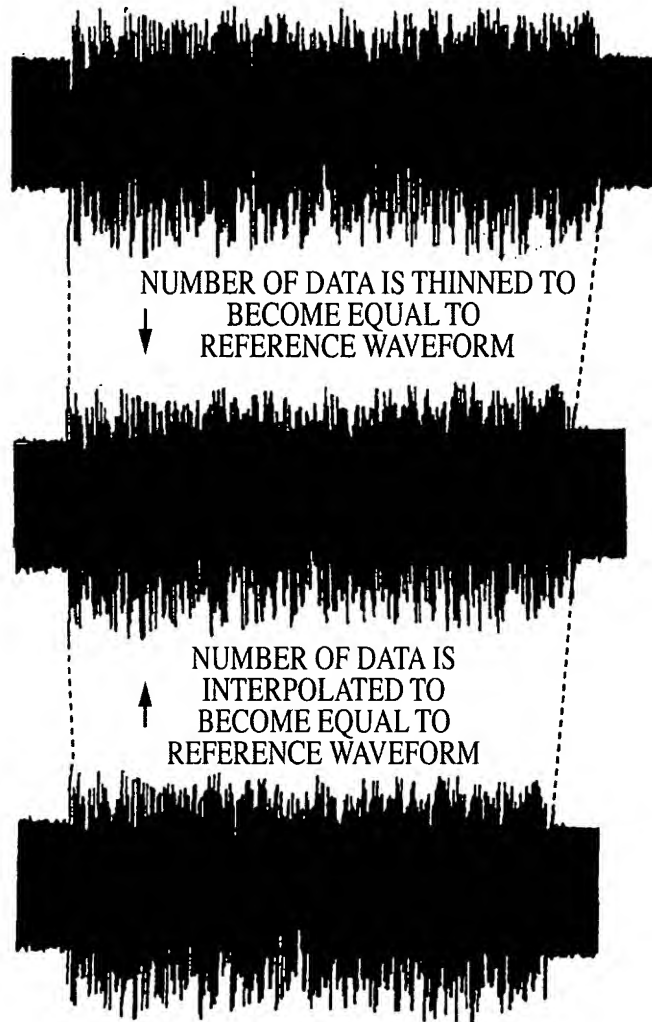


FIG. 6

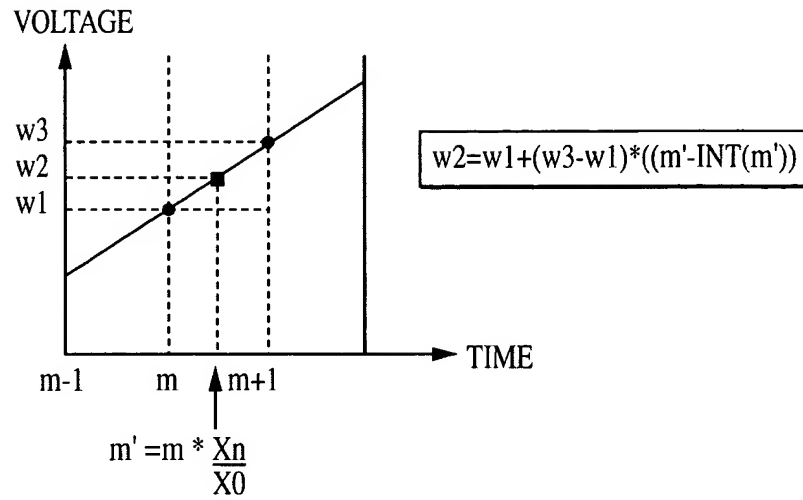


FIG. 7

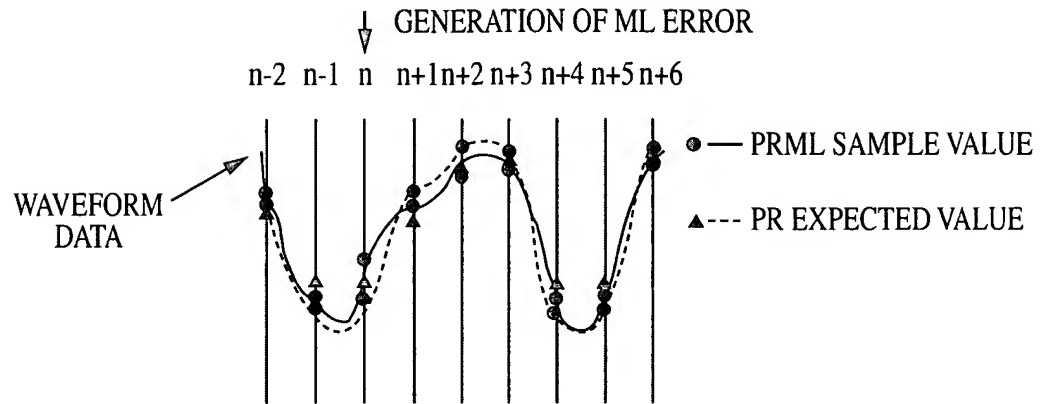


FIG.8

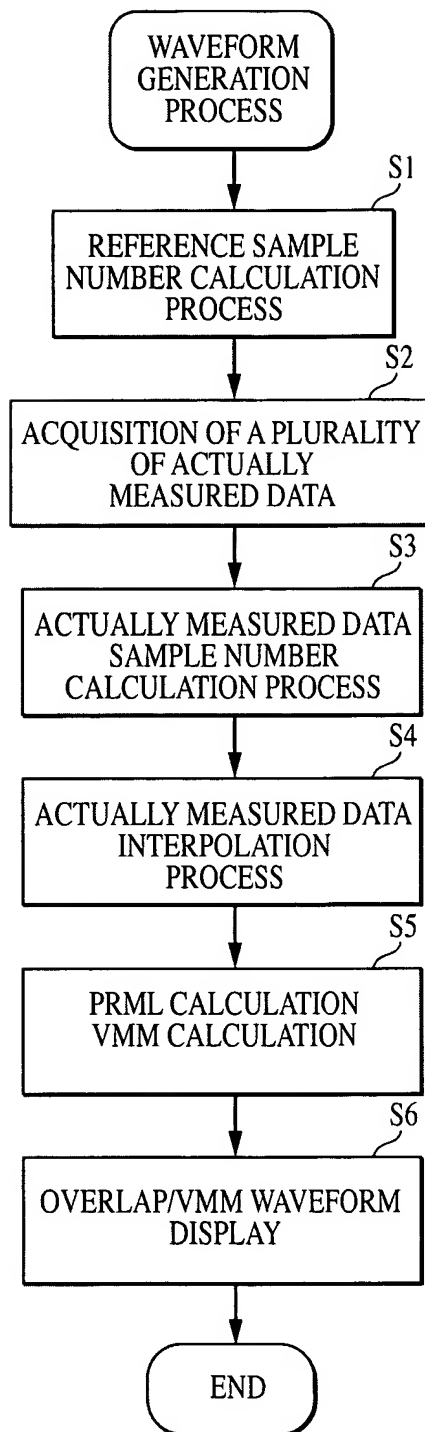


FIG. 9

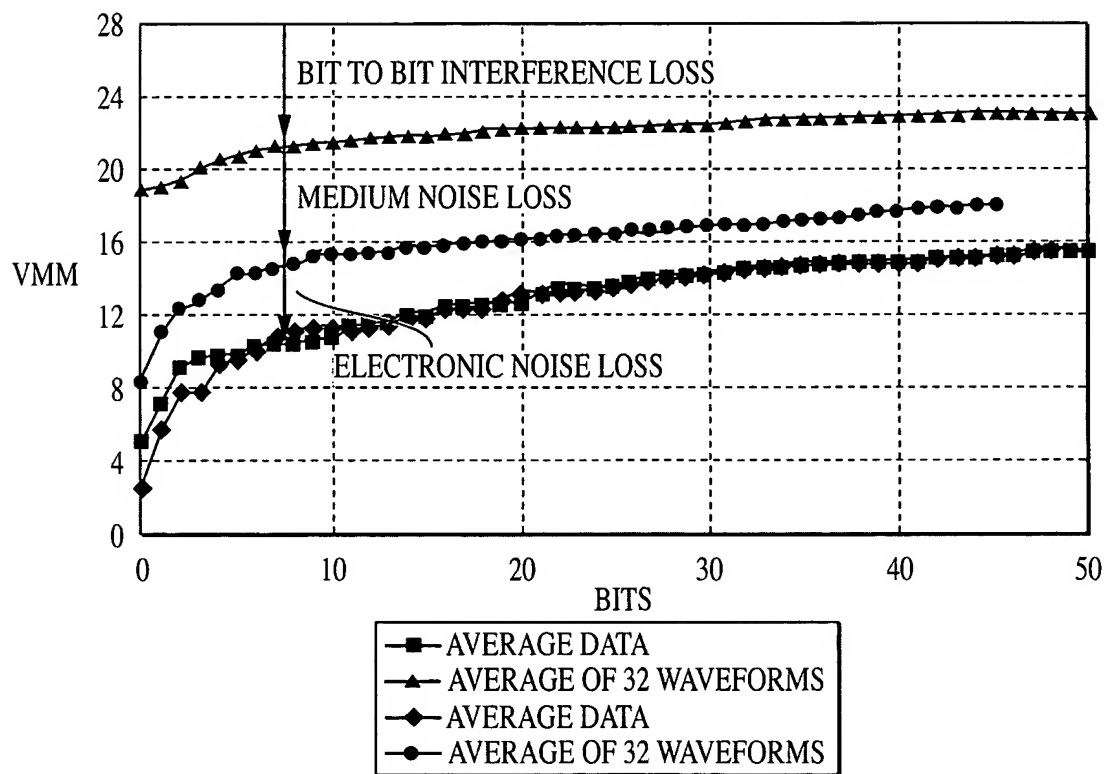


FIG. 10